

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 2003.06.04	FOR FURTHER see N ACTION (Form	otification of Tra n PCT/ISA/220) as	nsmittal of International Search Report s well as, where applicable, item 5 below.			
International application No.	International filing date (day/m	onth/year) (E	Carliest) Priority Date (day/month/year)			
PCT/KR03/01103	05 JUNE 2003 (05.06.2003	05	JUNE 2002 (05.06.2002)			
Applicant KIM, MU-JOONG						
and the state of t	This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.					
This international search report consists of a	total of 3 sheets. py of each prior art document cite	d in this report.				
and a Bo in miles it was fried, unit	a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.					
[(Tuite 25:1(b)).	rried out on the basis of a translati	•				
	sequence listing.	d in the internation	nal application, the international search			
contained in the international						
	tional application in computer reac	lable form.				
furnished subsequently to this						
	Authority in computer readable for					
international application as in	the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
the statement that the informat furnished.	tion recorded in computer readable	form is identical	to the written sequence listing has been			
2. Certain claims were found ur	nsearchable (See Box I).	•				
3. Unity of invention is lacking						
4. With regard to the title,						
X the text is approved as submitte	X the text is approved as submitted by the applicant.					
	this Authority to read as follows	:				
5. With regard to the abstract,						
X the text is approved as submitte	d by the applicant.					
	the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may,					
within one month from the date of mailing of this international search report, submit comments to this Authority.						
6. The figure of the drawing to be publ	ished with the abstract is Figure N	o. 10				
X as suggested by the applicant.	-		None of the figures			
because the applicant failed to s	suggest a figure.		reduce of the figures			
because this figure better charac	cterizes the invention.					

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A01K 91/06, A01K 97/00

According to International Patent Classification (IPC) or to both national classification and IPC

3. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC7 A01K 91/06,A01K 97/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975, Korean Utility models and applications for Utility models since 1975.

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 98-0076867 A (Cha, J.Y.) 16 November 1998	1-24
A	KR 99-0069961 A (Ma,J.W.) 06 August 1999	1-24
A	KR 00-0006799 A (Han,S.H.) 07 February 2000	1-24
Α	KR 01-0092604 A (Lim,J.K.) 26 August 2001	1-24
A	KR 20-0217475 Y (Koa.lnc.) 15 March 2001	1-24
	·	1-24
*	·	

l		Further	documents	are listed	in the	continuation	of Box C.
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X See patent family annex.

- Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- 'X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

27 OCTOBER 2003 (27.10.2003)

Date of mailing of the international search report

27 OCTOBER 2003 (27.10.2003)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

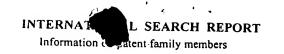
Facsimile No. 82-42-472-7140

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rnational application No.	-
PCT/KR03/01103	

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 98-0076867 A	16.11.1998	NONE	
KR 99-0069961 A	06.09.1999	NONE	
KR 00-0006799 A	07.02.2000	NONE	·
KR 01-0092604 A	26.10.2001	NONE	
KR 20-0217475 Y	15.03.2001	NONE	

Form PCT/ISA/210 (patent family annex) (July 1998)